

ABSTRACT

The following system and procedure for specifying an extended configuration descriptor includes a USB device that responds to device requests from a host. In response to receiving a host-specific device request that specifies a predetermined index, the USB device returns an extended configuration descriptor to the requestor. The extended configuration descriptor includes information that can be used by the requestor to control the USB device. When the USB device is a composite device, the extended configuration descriptor includes function information corresponding to a plurality of sub-devices. Each function comprises one or more interfaces.